

S/N 09/706576

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brian L. Schmidt et al. Examiner: Andrew M. Dolinar
Serial No.: 09/706,576 Group Art Unit: 3747
Filed: November 3, 2000 Docket No.: 279.268US1
Title: CONFIGURATIONS AND METHODS FOR MAKING CAPACITOR
CONNECTIONS

Declaration Under 37 C.F.R. § 1.131

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This declaration is submitted under 37 C.F.R. § 1.131 for U.S. Patent Application Serial Number 09/706,576, to establish conception and actual reduction to practice of the invention claimed in U.S. Patent Application Serial Number 09/706,576, in the United States, on a date prior to June 30, 2000, which is the filing date of the United States Patent No. 6,402,793, issued to Miltich et al.

I, Brian L. Schmidt, declare and say as follows:

1. I am a sole inventor of the subject matter of the pending claims in the above-identified Application.
2. The subject matter claimed in the patent application was invented while I was employed by the Cardiac Pacemakers, Inc. subsidiary of Guidant Corporation.
3. The following documents are submitted as evidence of conception and actual reduction to practice of embodiments of the invention as disclosed in the United States Patent Application having Serial Number 09/706,576.
4. Prior to June 30, 2000, I conceived embodiments of the invention in the United States as evidenced by a copy of a signed lab notebook page, attached hereto as Exhibit 1.

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5. The lab notebook page of Exhibit 1 was prepared by me prior to June 30, 2000, with the date being masked.

6. Prior to June 30, 2000, an embodiment of the claimed subject matter which was rejected under 102(e) was reduced to practice in the United States. Under my direction a capacitor was constructed at Guidant in St. Paul, MN incorporating a conductor welded between the case and cover interface, substantially as shown in Exhibit 1. Exhibit 2 is a Special Work Order for the capacitor built. On page 2 of Exhibit 2 it is seen that the capacitor built had a "Cathode Tab between cover and case Welded During Can Weld." The capacitor built under the work order of Exhibit 2 was built before June 30, 2000, with the date being masked. The capacitor built under the work order of Exhibit 2 was successfully tested under my direction, again prior to June 30, 2000.

7. I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

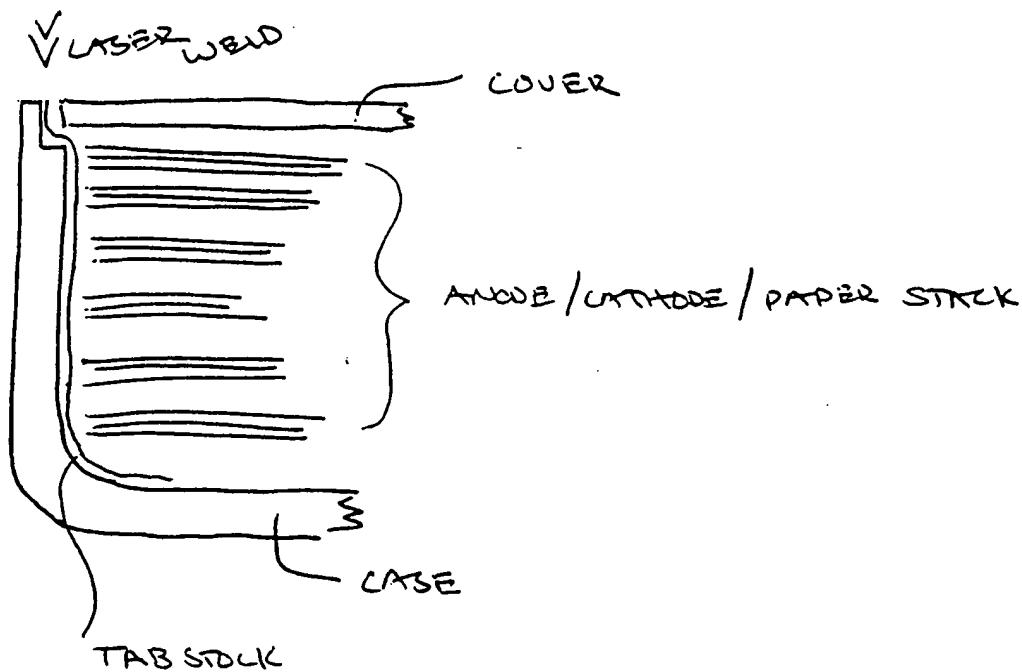
JULY 11, 2005

Dated



Brian L. Schmidt

INVENTION: AN IMPROVED METHOD TO CONNECT THE CATHODIC TAB STOCK OF A FLAT CAPACITOR TO THE CASE, USING A MINIMUM OF 2 HEIGHT.



ADVANTAGES: 1) DOES NOT REQUIRE TABSTOCK TO BE FOLDED OVER ON TOP OF THE STACK, USING EXTRA 2-HEIGHT
2) ELIMINATES U/S WELDING PROBLESS

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Sed & Understood by me,	Date	Invented by	Date
<i>John H. ...</i>		<i>John H. ...</i>	

Recorded by

SPECIAL WORK ORDER

NON IMPLANTABLE - NOT FOR USE IN HUMANS

REQUESTER	PERFORMING DEPT	SUPERVISOR APPROVAL	APPROVAL	PRODUCTION CONTROL
FROM M442 K. <i>Mark Hansen</i>		<i>Mark Hansen</i>	<i>Mark Hansen</i>	
DATE	DATE	DATE	DATE	DATE
MGR. APPROVAL	PROTO	DEMO	DEPT #	MATERIAL CHARGES
<i>Mark Hansen</i>	PILOT A	OTHER	<i>8731</i>	PROJECT # <i>87550</i>

*GOODS ISSUE COMPONENTS AS NECESSARY OTHERS MAY BE PROVIDED

*NOT FOR USE IN HUMANS IN THE COMMENT SECTION ON MATT

*REFERENCE SOP 5414

PURPOSE OF BUILD

QTY	10
DUE DATE	1-10

SPECIAL INSTRUCTIONS
*Using Cervi Catheter*PRODUCT NAME
PART NUMBERS

Build 10 parts per attached sheet and long direction.
 Contact Mike Ophelia with questions or Mark W
 Mark with "not for use in humans" and
 SWO 8949 and 110

SCRAP P.S. ON MATT?	<input checked="" type="checkbox"/>
YES	NO

CONTACT _____
THE ORIGINAL SWO MUST BE RETURNED TO PRODUCTION PLANNING WHEN COMPLETED
 COPIES : PINK WITH BUILD / WHITE PRODUCTION PLANNING

FOR QUESTIONS AND WHEN COMPLETED

Guidant Form 569 A (4-99)

002

Pg. 2

EXH. 2

TABLE OF ASSEMBLY ORDER - 14 LAYER

TOP OF ASSEMBLY
P-1.2
C1-P
A8-P
C1-P
A5-P
C1-P
A2-P
C1-P
A6-P
C4-P
A3-P
C4-P
A7-P
C4-P
A4-P
C4-P
A8-P
C2-P
A4-P
C2-P
A5-P
C2-P
A2-P
C3-P
A6-P
C3-P
A3-P
TAB SPIDER-P
TAB SPIDER-P
—
P-1.2

BOTTOM OF ASSEMBLY

QUANTITY OF PARTS PER ASSEMBLY

PAPERS - 1.2	2
PAPERS - CATH	15
PAPERS - ANODE	44
ANODE BIG A	14
ANODE B	28
C1	4
C2	3
C3	3
C4	4
SPIDER	1
TABS-65mm	1
TABS-3mmX.004 X1/2 inch	14

STAKED SUBASSEMBLIES

ANODE B w/CLIP	14
A1	-
A2	2
A3	2
A4	2
A5	2
A6	2
A7	2
A8	2
TAB-SPIDER	1

STANDARD CONSTRUCTION BUILD

- UC 50 Double Papers, Cathode and Anode Type - UC 0.0012 Single Layer on Top & Bottom
- ~~15~~ Anode Layers
- Edge Clip Unaged, B2 Stake
- 3 Anode Potato Chip, ~~Winder Stake in one of 7 positions~~
- Smaller Size Cathode (Undersized from Anode)
- Butt Weld Anode Feed-thru (on top of welded edge clips)(gold/nickel wire NOT stripped)
- Stack Anneal (Gordon Anneal) Clamped to height of 0.240", approximately 12 hours @ 85 C (use 2 $1/2$ paper as spacers)
- Cathode Tab between cover and case Welded During Can Weld (Schmidt Cathode)
- Backfill - NO CLAMPING
- Seal backfill hole with kapton tape and small slit during all aging and test
- Clamping Beginning at Pre-Seal Age - unclamp AFTER final age, then final seal with disc glued onto backfill hole
- Gold/nickel 015 Wire Welded to Can for cathode connection (strip wire)